

# AMPHENOL Circular MIL-Spec Connectors

Amphenol®

## MIL-DTL-38999 SERIES II JT

Amphenol® LJT and JT Series subminiature cylindrical connectors are qualified to MIL-DTL-38999, Series I and II respectively. These connectors were developed to meet the needs of the aerospace industry. Meeting or exceeding MIL-DTL-38999 requirements, Amphenol® JTL/LJT connectors feature:

- Lightweight, Space Saving Design
- Contact Protection - 100% scoop-proof LJT design prevents bent pins and short circuits during mating
- Quick Positive Coupling - 3 point bayonet lock system
- Mismatching Eliminated - with 5 key/keyway design
- Error Proof Alternate Positioning - insured by different key/keyway locations
- EMI Shielding - grounding fingers standard in LJT Series; optional in JT Series

For quantities greater than listed, call for quote.

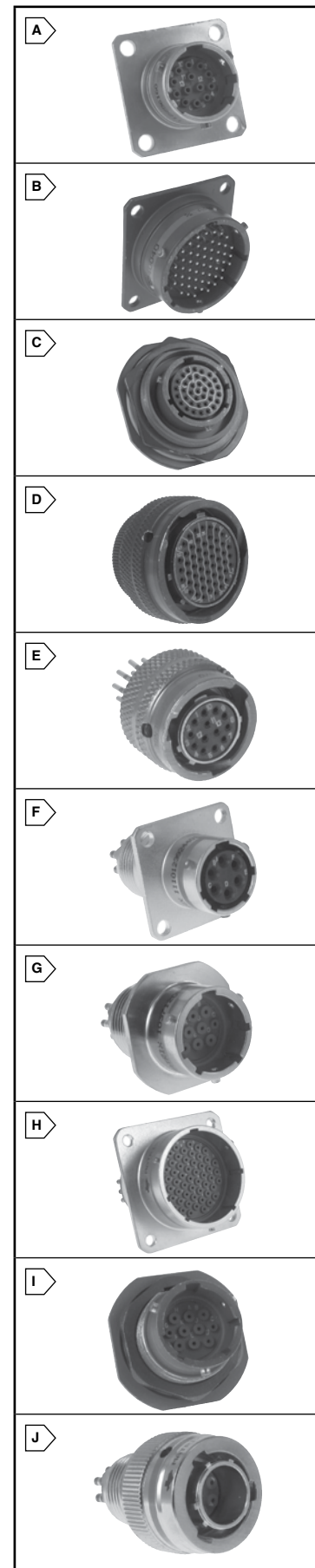
MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Shell Size & Insert	Contact Type	Price Each			
						1	5	10	25
<b>Series II Crimp Wall Mount Receptacles with Back Panel Mounting</b>									
654-MS27497T10A35P	MS27497T10A35P	A	13	10-35	Pin	59.31	55.75	53.80	46.99
654-MS27497T14B35P	MS27497T14B35P	A	37	14-35	Pin	71.70	66.03	64.94	53.82
654-MS27497T14B35S	MS27497T14B35S	A	37	14-35	Socket	78.56	73.50	72.13	59.11
<b>Series II Crimp Box Mounting Receptacle with Back Panel Mounting</b>									
654-MS27508E16B35P	MS27508E16B35P	B	55	16-35	Pin	69.30	66.81	62.54	46.73
<b>Series II Crimp Jam Nut Receptacles</b>									
654-MS27474T10A35P	MS27474T10A35P	C	13	10-35	Pin	58.79	56.10	53.10	50.72
654-MS27474T14B35S	MS27474T14B35S	C	37	14-35	Socket	88.09	84.80	80.11	62.18
<b>Series II Crimp Straight Plug</b>									
654-MS27473E16B35S	MS27473E16B35S	D	55	16-35	Socket	108.88	102.34	98.76	84.45
<b>Crimp II Crimp Straight Plugs with Grounding Fingers</b>									
654-MS27484T10A35S	MS27484T10A35S	E	13	10-35	Socket	70.46	66.23	58.16	53.59
654-MS27484T14B35P	MS27484T14B35P	E	37	14-35	Pin	94.90	90.51	86.09	73.61
654-MS27484T14B35S	MS27484T14B35S	E	37	14-35	Socket	103.16	99.03	93.15	79.66

## MIL-DTL-26482 SERIES 2 MATRIX®

- Medium size, environmentally resistant connector
- Recommended operating voltage to 1,000 VAC (RMS) at sea level
- Quick positive coupling assured by 3 point bayonet coupling system
- Eliminates mismatching by the use of five key/keyway design
- Sealing over a range of wire diameters is assured by a triple webbed grommet at the rear of the connector
- Visual confirmation of complete coupling
- Contacts are qualified to SAE AS39029 requirements
- Grommets are constructed of tear-resistant elastomer and experience no degradation when exposed to a broad range of fluids
- Closed entry socket side of the insert is designed with a lead-in chamfer and a hard face that will accept a pin contact bent within pre-established limits
- Elastomer interfacial seal on the pin side has raised barriers around each pin which displace into the socket chamfer when mated, providing a positive moisture seal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Shell Size & Insert	Contact Type	Price Each			
						1	5	10	25
<b>Wall Mount Receptacles with Narrow Flange</b>									
654-MS3470L10-6P	MS3470L10-6P	F	6	10-6	Pin	37.64	34.87	33.50	32.49
654-MS3470L10-6S	MS3470L10-6S	F	6	10-6	Socket	35.04	32.47	31.20	30.26
654-MS3470W10-6P	MS3470W10-6P	F	6	10-6	Pin	35.94	33.29	31.99	31.02
654-MS3470W10-6S	MS3470W10-6S	F	6	10-6	Socket	35.00	32.43	31.16	30.22
654-MS3470L12-10S	MS3470L12-10S	F	10	12-10	Socket	38.20	35.39	34.01	32.99
654-MS3470L12-3P	MS3470L12-3P	F	3	12-3	Pin	32.70	30.30	29.11	28.23
654-MS3470L12-3S	MS3470L12-3S	F	3	12-3	Socket	24.55	22.75	21.85	21.20
654-MS3470L12-8S	MS3470L12-8S	F	8	12-8	Socket	35.14	33.54	31.75	30.35
654-MS3470W12-10P	MS3470W12-10P	F	10	12-10	Pin	39.93	36.99	35.55	34.47
654-MS3470W12-10S	MS3470W12-10S	F	10	12-10	Socket	36.56	33.87	32.54	31.56
654-MS3470L14-19S	MS3470L14-19S	F	19	14-19	Socket	43.98	40.75	39.15	37.97
654-MS3470L14-4P	MS3470L14-4P	F	4	14-4	Pin	36.30	33.63	32.31	31.34
654-MS3470L14-4S	MS3470L14-4S	F	4	14-4	Socket	43.76	40.55	38.95	37.78
654-MS3470W14-12P	MS3470W14-12P	F	12	14-12	Pin	34.35	31.83	30.58	29.66
654-MS3470W14-12S	MS3470W14-12S	F	12	14-12	Socket	45.03	41.72	40.09	38.88
654-MS3470W14-19P	MS3470W14-19P	F	19	14-19	Pin	47.33	43.86	42.14	40.87
654-MS3470W14-19S	MS3470W14-19S	F	19	14-19	Socket	45.35	42.02	40.37	39.15
654-MS3470W14-4P	MS3470W14-4P	F	4	14-4	Pin	41.81	38.73	37.21	36.09
654-MS3470W14-4S	MS3470W14-4S	F	4	14-4	Socket	41.84	38.77	37.25	36.13
654-MS3470W14-5S	MS3470W14-5S	F	5	14-5	Socket	39.53	36.63	35.19	34.13
654-MS3470L16-26P	MS3470L16-26P	F	26	16-26	Pin	54.52	50.51	48.53	47.07
654-MS3470W16-26P	MS3470W16-26P	F	26	16-26	Pin	55.00	50.96	48.96	47.49
654-MS3470L18-8S	MS3470L18-8S	F	8	18-8	Socket	52.69	48.82	46.91	45.50
654-MS3470W18-32P	MS3470W18-32P	F	32	18-32	Pin	61.26	56.76	54.53	52.89
654-MS3470L20-41P	MS3470L20-41P	F	41	20-41	Pin	69.89	64.75	62.22	60.34
654-MS3470L22-41S	MS3470L22-41S	F	41	22-41	Socket	79.12	73.31	70.44	68.32
654-MS3470W22-55P	MS3470W22-55P	F	55	22-55	Pin	48.61	45.04	43.28	41.97
<b>Cable Mount Receptacles</b>									
654-MS3471L12-10P	MS3471L12-10P	G	10	12-10	Pin	34.34	31.82	30.57	29.65
654-MS3471W18-8P	MS3471W18-8P	G	8	18-8	Pin	84.88	78.64	75.56	73.29
<b>Wall Mount Receptacles with Wide Flange</b>									
654-MS3472L22-55P	MS3472L22-55P	H	55	22-55	Pin	97.25	90.11	86.58	83.97
654-MS3472L22-55S	MS3472L22-55S	H	55	22-55	Socket	64.52	59.78	57.43	55.70
<b>Jam Nut Receptacles</b>									
654-MS3474W12-10P	MS3474W12-10P	I	10	12-10	Pin	53.31	49.39	47.46	46.03
654-MS3474W12-3P	MS3474W12-3P	I	3	12-3	Pin	41.11	38.09	36.59	35.49
654-MS3474A14-19P	MS3474A14-19P	I	19	14-19	Pin	53.75	49.80	47.85	46.41
654-MS3474A14-19S	MS3474A14-19S	I	19	14-19	Socket	50.43	46.72	44.89	43.54
654-MS3474W14-19SW	MS3474W14-19SW	I	19	14-19	Socket	51.45	47.67	45.80	44.42
654-MS3470W14-5P	MS3474W14-5P	I	5	14-5	Pin	41.65	38.59	37.07	35.96
654-MS3474W20-41S	MS3474W20-41S	I	41	20-41	Socket	89.49	82.92	79.67	77.27
<b>Straight Plugs</b>									
654-MS3476L10-6P	MS3476L10-6P	J	6	10-6	Pin	34.85	32.29	31.03	30.10
654-MS3476L10-6S	MS3476L10-6S	J	6	10-6	Socket	32.52	30.13	28.95	28.08
654-MS3476W10-6P	MS3476W10-6P	J	6	10-6	Pin	34.42	30.39	28.39	25.65
654-MS3476W10-6S	MS3476W10-6S	J	6	10-6	Socket	60.35	57.77	52.22	50.70
654-MS3476L12-10P	MS3476L12-10P	J	10	12-10	Pin	41.11	38.09	36.60	35.49
654-MS3476L12-10S	MS3476L12-10S	J	10	12-10	Socket	35.58	32.97	31.67	30.72
654-MS3476L12-3P	MS3476L12-3P	J	3	12-3	Pin	36.39	33.71	32.39	31.41
654-MS3476L12-3S	MS3476L12-3S	J	3	12-3	Socket	34.83	32.28	31.01	30.08
654-MS3476L12-8S	MS3476L12-8S	J	8	12-8	Socket	35.59	32.97	31.68	30.73
654-MS3476W12-10P	MS3476W12-10P	J	10	12-10	Pin	29.93	27.73	26.65	25.84
654-MS3476W12-10S	MS3476W12-10S	J	10	12-10	Socket	35.58	32.96	31.68	30.72
654-MS3476A14-19P	MS3476A14-19P	J	19	14-19	Pin	48.41	44.86	43.10	41.80
654-MS3476A14-19S	MS3476A14-19S	J	19	14-19	Socket	45.12	41.80	40.16	38.95
654-MS3476L14-19P	MS3476L14-19P	J	19	14-19	Pin	47.73	44.22	42.49	41.21
654-MS3476L14-4P	MS3476L14-4P	J	4	14-4	Pin	40.84	37.84	36.35	35.26
654-MS3476L14-4S	MS3476L14-4S	J	4	14-4	Socket	40.67	37.68	36.21	35.11
654-MS3476W14-12P	MS3476W14-12P	J	12	14-12	Pin	45.99	42.61	40.95	39.71
654-MS3476W14-12S	MS3476W14-12S	J	12	14-12	Socket	46.31	42.91	41.23	39.99
654-MS3476W14-19P	MS3476W14-19P	J	19	14-19	Pin	34.18	31.67	30.43	29.51



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